ONECELL® Ruggedized Radio Point 2000-International 1 Radio, 3 Bands, External 4.3-10 DIN antenna ports

- Pooled baseband processing with centralized scheduler
- Smart Reuse for multi-sector throughput without border handovers or interference
- Single PCI across multiple Radio Points
- Joint Transmission and Reception
- No borders or handovers within controller

Product Classification

Product Type: Radio point
Product Brand: ONECELL®

General Specifications

Technology: LTE MIMO
Application: LTE delivery for public venues and large enterprises
Antenna Interface: 4.3-10 coaxial connector
Antenna Location: External
Antenna Quantity: 2
Boot and Storage Security: Secure Boot, Secure Storage (TrE)
Controller to RP Management Security: HTTPS
Fronthaul and OTA Security: PDCP ciphering
Fronthaul Interface: IP Ethernet LAN
General Standard: 3GPP Release 10 Local Area Base Station
Health Standard: EN 50385:2002
Modulation Type: DL: QPSK, 16QAM, 64QAM  |  UL: QPSK, 16QAM
Physical Interface: RJ45/GigE
Timing and Synchronization: IEEE 1588 v2 (from controller)
Transmit Power: 2 x 125 mW

Dimensions

Height: 235 mm  |  9.252 in
Width 235 mm  |  9.252 in
Depth 107 mm  |  4.213 in

Electrical Specifications

Electrical Safety Standard  

Electromagnetic Compatibility (EMC)  
EN 301 489-1 V1.9.2 (2011-09)  |  EN 301 489-50 V1.2.1 (2013-03)

Frequency Band  
1800 MHz  |  2100 MHz  |  2600 MHz

License Band  
1  |  3  |  7

Power Consumption 25 W

Mechanical Specifications

Transportation Vibration Standard ISTA-3A

Environmental Specifications

Operating Temperature -40 °C to +60 °C (-40 °F to +140 °F)

Ingress Protection Test Method IEC 60529:2001, IP66

Packaging and Weights

Weight, net 3.6 kg  |  7.937 lb

Regulatory Compliance/Certifications

Agency CE

Classification Compliant with the relevant CE product directives